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**From:** Liden, Douglas  
**To:** Steve Smullen  
**Sent:** 3/13/2017 5:55:12 PM  
**Subject:** RE: February 2017 Wastewater Spill Rio Tijuana - Additional Questions

Hi Steve. Thanks for sending. I'm working out of our SF office for a couple days. Will you be writing up the meeting minutes from last week? Also, can you send me the ppt(s) from the meeting. It was very hard to hear (I appreciate your efforts though to include me). I am especially curious as to how they responded to your question below when you raised it at the meeting (I recall you asking the same question there, but couldn't hear the response.

(b) (5) (We're being asked to respond to a congressional enquiry.) thanks much, Doug

**From:** Steve Smullen [mailto:Steve.Smullen@ibwc.gov]  
**Sent:** Monday, March 13, 2017 9:49 AM  
**To:** mlemus@cespt.gob.mx; respinosa@cila.gob.mx  
**Cc:** Liden, Douglas ; [REDACTED]; Gilbert Anaya ; Jose Nunez ; Wayne Belzer ; Andy Hall ; Chris Helmer ; gabriela@resolvellegalolutions.com; Roger Kube ; fmelbourn@waterboards.ca.gov; Hiram Sarabia ; Cory Pukini  
**Subject:** February 2017 Wastewater Spill Rio Tijuana - Additional Questions

Good Morning Roberto,

Thank you for the very informative presentation and site visit provided by CESPT last week regarding the February 1-4, 2017 wastewater spill to the Rio Alamar and the Rio Tijuana resulting from the emergency work needed to repair the collector along Lazaro Cardenas Blvd. We understand that the spill was a flow of approximately 300 lps that lasted 4 days - from February 1 to February 4, 2017, however this period does not correspond with the period during which data and observations were noted and reported on the U.S. side.

Both residents and agencies in the U.S. reported strong wastewater odors in the ocean, river valley and local neighborhoods bordering the river between February 6 and February 17, and these were confirmed by U.S. Section personnel on February 7 and February 17. These types of reports are unprecedented during the winter when the river typically experiences runoff events from precipitation. As you know this winter has been wetter than normal making these reports even more unusual. In addition, samples taken from the river at the Dairymart Bridge on January 31, February 7, February 14 and February 21, 2017 indicated high levels of e. coli bacteria.

January 31, 2017 - 14,136,000 MPN/100 ml

February 7, 2017 - 2,064,000 MPN/100 ml

February 14, 2017 - 3,873,000 MPN/100 ml

February 21, 2017 - 2,143,000 MPN/100 ml

These indicate the presence of domestic wastewater flow in the river. Were there any releases of wastewater to the river following completion of the work at Lazaro Cardenas Blvd on February 4? Does Mexico have any explanation for these data and observations, and can you provide insights as to where these flows may be originating?

Thanks,

Steve

*Steve Smullen*

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